

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E21B33/076

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/25593 A (KONGSBERG OFFSHORE AS ; HOEL KARL WILLIE (NO)) 12 April 2001 (2001-04-12) cited in the application page 5, lines 2-9 page 9, lines 20,21 figure 1	1,6,7
Y		4,5
Y	US 6 394 460 B1 (DOU TY JAMES A ET AL) 28 May 2002 (2002-05-28) column 8, lines 47-51 column 8, line 65 - column 9, line 2 figures 10-13	4,5
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- \* & \* document member of the same patent family

Date of the actual completion of the international search

2 August 2004

Date of mailing of the international search report

11/08/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/NO2004/000154

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	GB 2 233 365 A (OTIS ENG CO) 9 January 1991 (1991-01-09) page 14, lines 6-9 figure 2a	1,2,6,7
X	US 4 825 953 A (COWAN PETER ET AL) 2 May 1989 (1989-05-02) column 2, lines 28-54 figure 1	1,7
A	US 4 993 492 A (CRESSEY JOHN F ET AL) 19 February 1991 (1991-02-19) the whole document	1,7
A,P	US 2003/098161 A1 (BOYD ANTHONY R) 29 May 2003 (2003-05-29) the whole document	1,7

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NO2004/000154

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